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32-20133: Recombinant Human G-CSF(Discontinued)

Reactivity : Human, Monkey, Mouse, Pig
Alternative Name : Granulocyte Colony-Stimulating Factor, CSF-3, MGI-1G, GM-CSF beta, pluripoietin

Description

Source:E.coliG-CSF is a hematopoietic growth factor that stimulates the development of committed progenitor cells to neutrophils and enhances the functional activities of the mature end-cell. It is produced in response to specific stimulation by a variety of cells, including macrophages, fibroblasts, endothelial cells and bone marrow stroma. G-CSF is being used clinically to facilitate hematopoietic recovery after bone marrow transplantation. Human and murine G-CSF are cross-species reactive. Recombinant Human G-CSF is an 18.7 kDa protein consisting of 174 amino acid residues.

Product Info

Amount : 2 µg / 10 µg
Purification : Purity: >= 98% by SDS-PAGE gel and HPLC analyses.
Content : This recombinant protein is supplied in lyophilized form.
Amino Acid : TPLGPASSLP QSFLLKCLEQ VRKIQGDGAA LQEKLCATYK LCHPEELVLL GHSLGIPW APLSSCPSQA LQLAGCLSQL HSGLFLYQGL LQALEGISPE LG PTLDTL QLDVADFATT IWQQMEELGM APALQPTQGA MPAFASAFQR RAGG VLVA SHLQSFLEVS YRVLRHLAQP

Application Note

TheÃ Â ED_{50}Ã Â as determined by the dose-dependent stimulation of the proliferation of murine NFS-60 cells is <= 0.1 ng/ml, corresponding to a specific activity of >= 1 x 10^7units/mg.Ã Â

For Research Use Only. Not for use in diagnostic/therapeutics procedures.